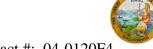
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-010589

Address: 333 Burma Road **Date Inspected:** 02-Dec-2009

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes No Li Yang **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No **Weld Procedures Followed:** Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No **Delayed / Cancelled:** Yes No N/A

34-0006 **Bridge No: Component: OBG Segment**

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, M.Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional survey along with QA inspector (Mr.Manjunath) for below Cross beam. Reports forwarded to team leader for further action

CB5 – Gap and offset between CB5 to FL3 of 6AE and 6AW

The readings are as follows:

CB5 Offset and Mis-alignment Reading between FL3 to CB5

At PP 38

East Bound

Location Gap Offset

4th Stiffener 17 1 8th Stiffener 19 1.8

WELDING INSPECTION REPORT

(Continued Page 2 of 4)

12th Stiffener 22 1.5

West Bound

Location Gap Offset 4th Stiffener 16 1 8th Stiffener 18 1 12th Stiffener 19 1

Note: Reference taken from Bottom Plate

At PP 39

East Bound

Location Gap Offset 4th Stiffener 12 2 8th Stiffener 13 2 12th Stiffener 102

West Bound

Location Gap Offset

4th Stiffener 14 1.5 8th Stiffener 16 0.5 12th Stiffener 22 2

Note: Reference taken from Bottom Plate

At PP 40

East Bound

Location Gap Offset

4th Stiffener 18 1 8th Stiffener 14 2 12th Stiffener 13 2

West Bound

Location Gap Offset



WELDING INSPECTION REPORT

(Continued Page 3 of 4)

4th Stiffener 18 1 8th Stiffener 21 1 12th Stiffener 23 2 Note: Reference taken from Bottom Plate CB5 Offset and Mis-alignment Reading between FL3 to CB5 (Bottom Plate) AT PP 38 to PP 39 East Bound Side Location Gap 2nd Stiffener 18 4th Stiffener 26 AT PP 38 to PP 39 West Bound Side Location Gap 2nd Stiffener 14 4th Stiffener 18 AT PP 39 to PP 40 East Bound Side Location Gap 2nd Stiffener 18 4th Stiffener 19 AT PP 39 to PP 40 West Bound Side Location Gap 2nd Stiffener 14 4th Stiffener 15 CB5 Offset and Mis-alignment Reading between FL3 to CB5 (Deck Plate) AT PP 38 to PP 39 West Bound Side Location Gap

2nd Stiffener 15

WELDING INSPECTION REPORT

(Continued Page 4 of 4)

6th Stiffener 21 9th Stiffener 20

AT PP 38 to PP 39 East Bound Side

Location Gap

2nd Stiffener 15

6th Stiffener 15

9th Stiffener 13

AT PP 39 to PP 40 West Bound Side

Location Gap

2nd Stiffener 22

6th Stiffener 23

9th Stiffener 24

AT PP 39 to PP 40 East Bound Side

Location Gap

2nd Stiffener 11

6th Stiffener 12

9th Stiffener 10

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact, who represents the Office of Structural Materials for your project.

Inspected By:	Manikandan, Murugan	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer